

4.2.E. 0602000207.

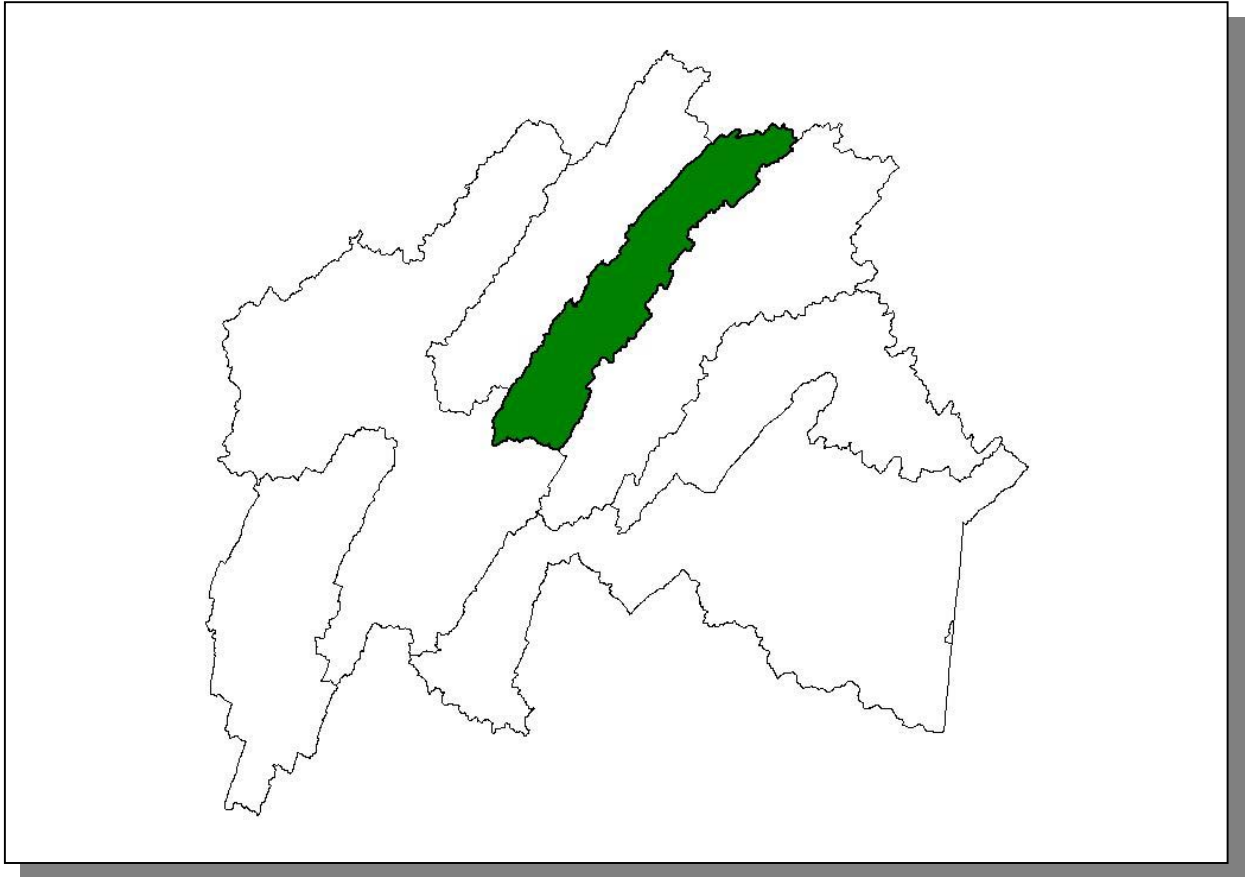


Figure 4-46. Location of Subwatershed 0602000207. All Hiwassee HUC-10 subwatershed boundaries are shown for reference.

4.2.E.i. General Description.

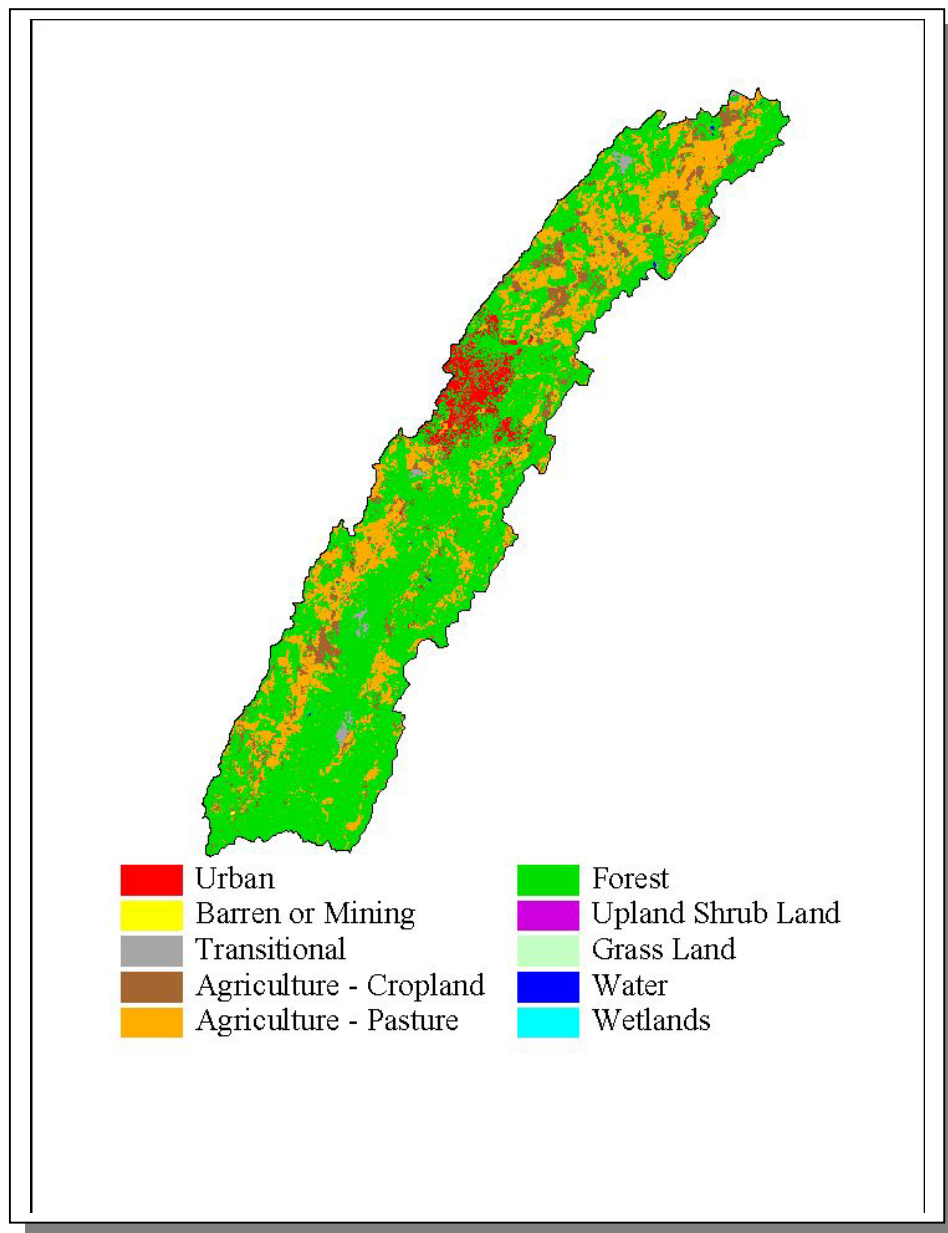


Figure 4-47. Illustration of Land Use Distribution in Subwatershed 0602000207.

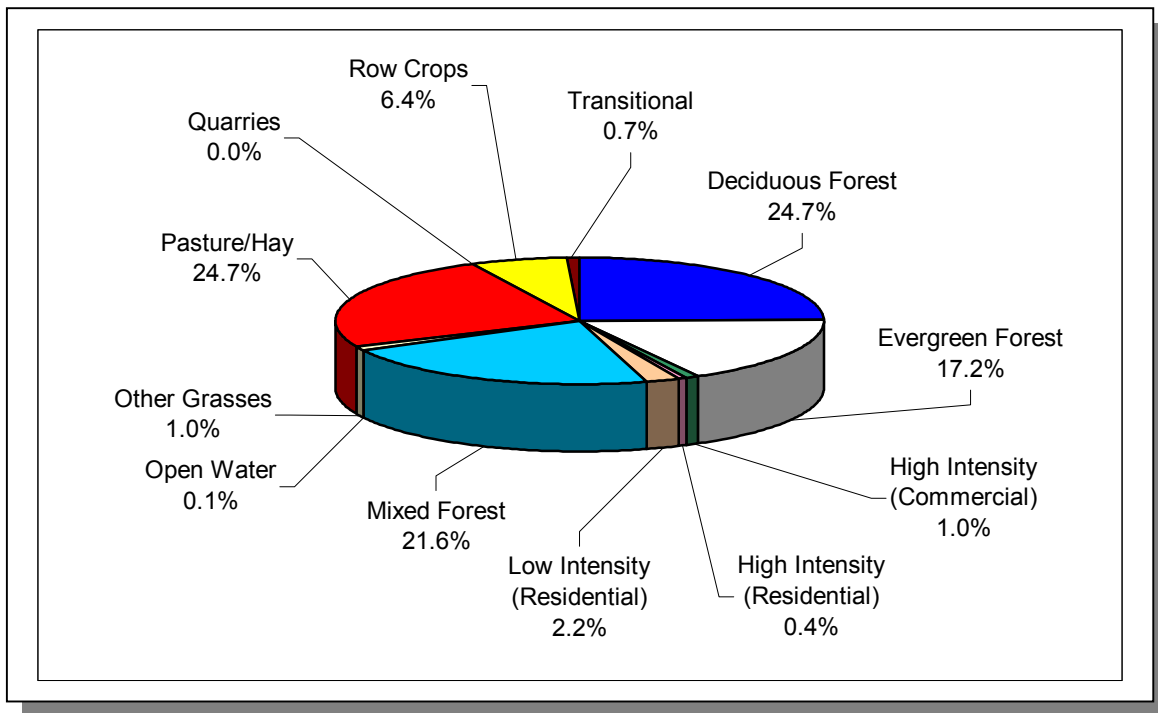


Figure 4-48. Land Use Distribution in Subwatershed 0602000207. More information is provided in Hiwassee-Appendix IV.

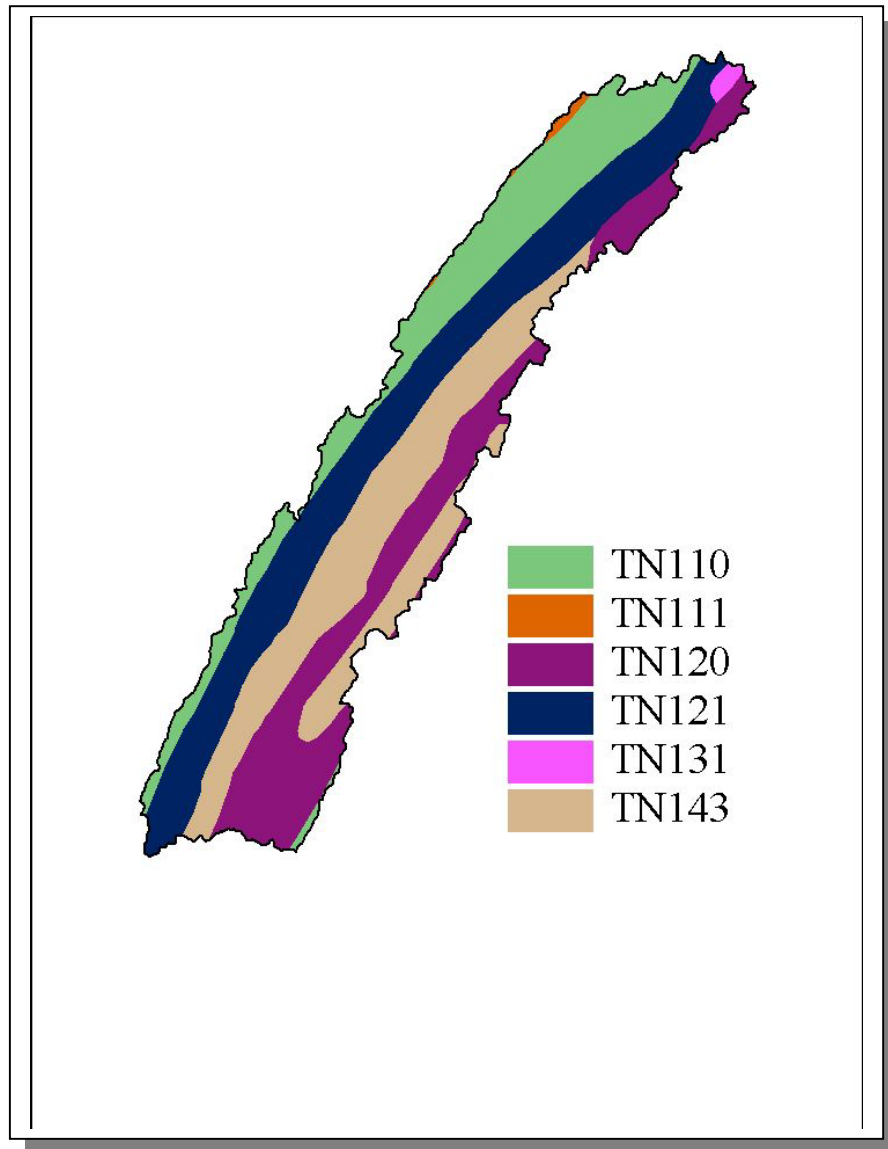


Figure 4-49. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0602000207.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hr)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN110	0.00	B	2.22	4.96	Loam	0.31
TN111	0.00	C	1.41	5.10	Loam	0.34
TN120	0.00	B	1.68	5.11	Loam	0.27
TN121	0.00	B	1.30	5.21	Loam	0.33
TN131	0.00	C	1.17	4.95	Silty Loam	0.33
TN143	0.00	C	1.22	6.44	Loam	0.32

Table 4-33. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0602000207. More information is provided in Hiwassee-Appendix IV.

County	COUNTY POPULATION		Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED		% CHANGE
	1990	1997 Est.		1990	1997	
Bradley	73,712	80,800	0.01	4	5	25.0
McMinn	42,383	46,000	15.92	6,745	7,321	8.5
Monroe	30,541	33,953	0.33	100	111	11.0
Total	146,636	160,753		6,849	7,437	8.6

Table 4-34. Population Estimates in Subwatershed 0602000207.

Populated Place	County	Population	NUMBER OF HOUSING UNITS			
			Total	Public Sewer	Septic Tank	Other
Athens	McMinn	12,954	5,184	4,947	237	0
Niota	McMinn	769	364	289	75	0
Totals		13,723	5,548	5,236	312	0

Table 4-35. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 0602000207.



Figure 4-50. Location of Historical Streamflow Data Collection Sites in Subwatershed 0602000207. More information is provided in Hiwassee-Appendix IV.

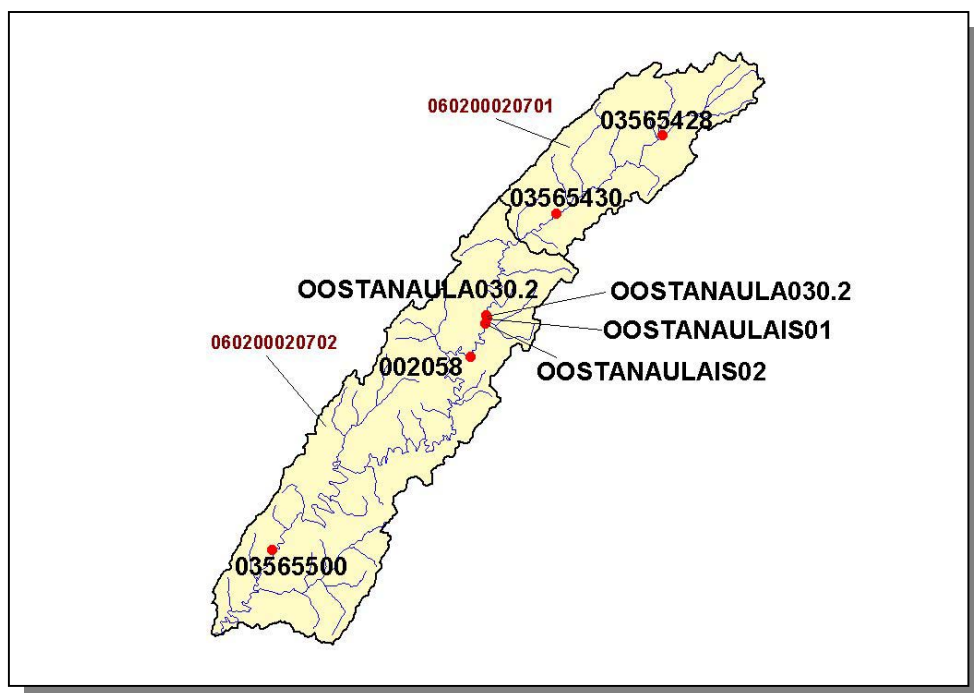


Figure 4-51. Location of STORET Monitoring Sites in Subwatershed 0602000207. Subwatershed 060200020701 and 060200020702 boundaries are shown for reference. More information is provided in Hiwassee-Appendix IV.

4.2.E.ii. Point Source Contributions.

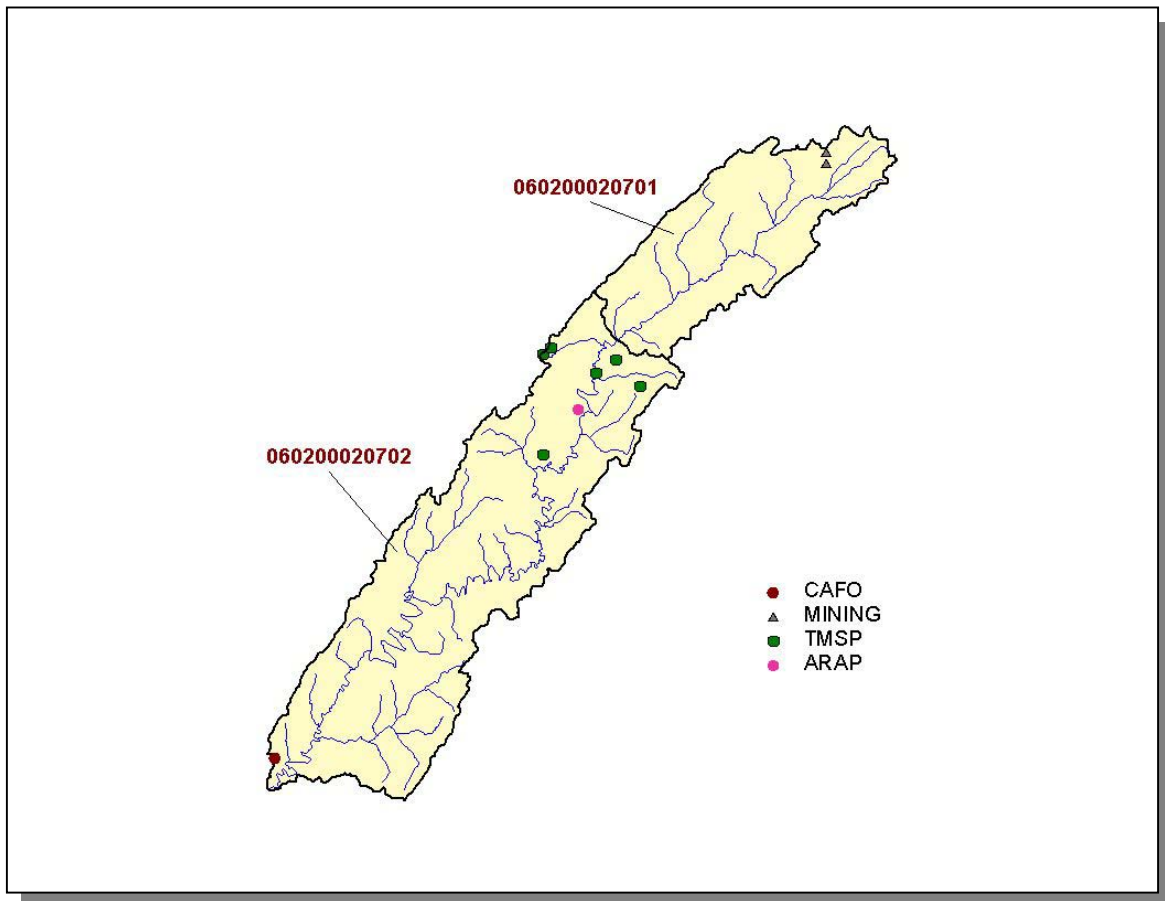


Figure 4-52. Location of Active Point Source Facilities in Subwatershed 0602000207. Subwatershed 060200020701 and 060200020702 boundaries are shown for reference. More information is provided in the following figures.

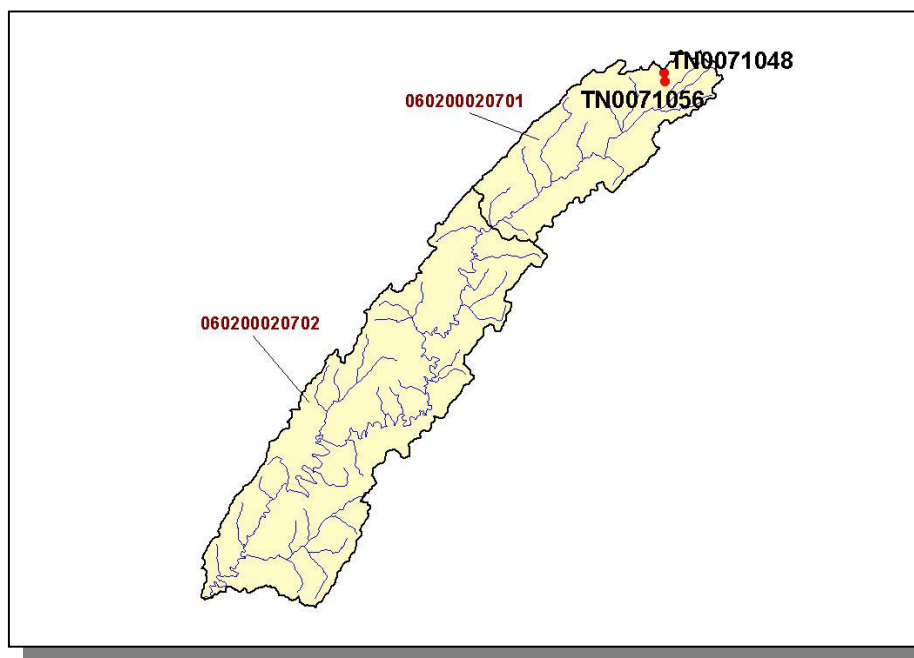


Figure 4-53. Location of Active Mining Sites in Subwatershed 0602000207. Subwatershed 060200020701 and 060200020702 boundaries are shown for reference. More information, including the names of facilities, is provided in Hiwassee-Appendix IV.

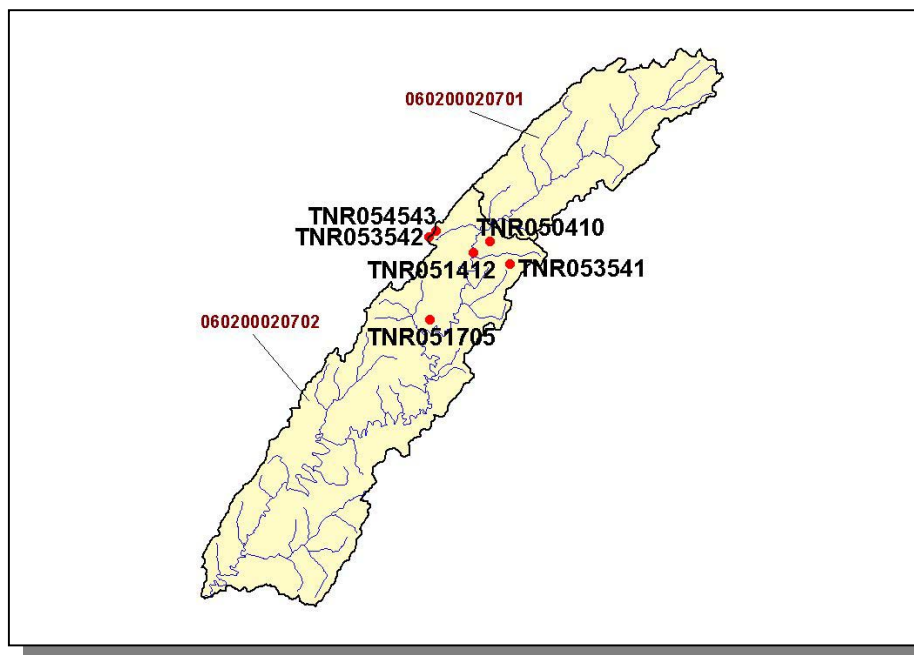


Figure 4-54. Location of TMSP Facilities in Subwatershed 0602000207. Subwatershed 060200020701 and 060200020702 boundaries are shown for reference. More information, including the names of facilities, is provided in Hiwassee-Appendix IV.

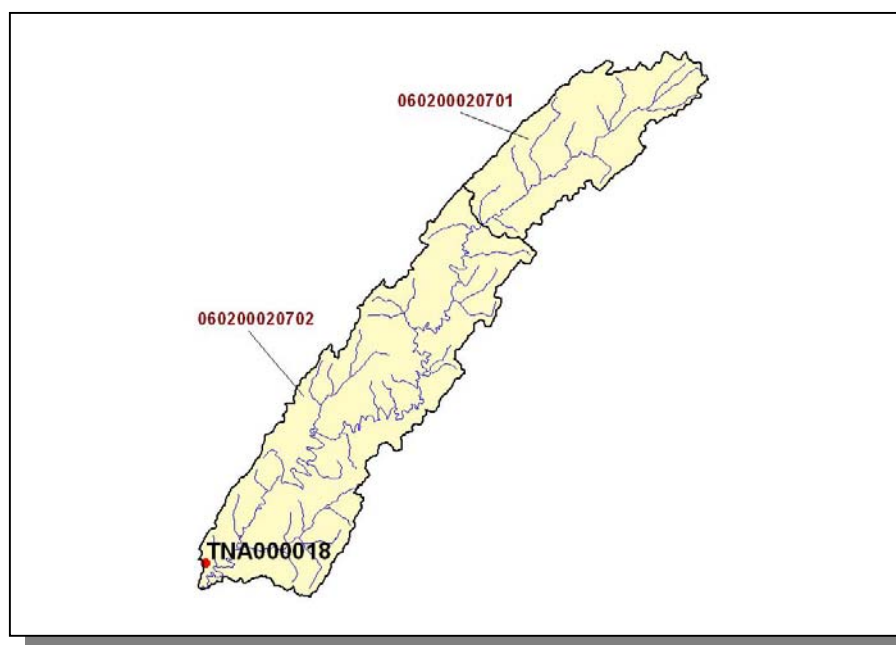


Figure 4-55. Location of CAFO Facilities in Subwatershed 0602000207. Subwatershed 060200020701, and 060200020702 boundaries are shown for reference. CAFO rules may be found at <http://cfpub.epa.gov/npdes/afo/cafofinalrule.cfm>. More information, including the names of facilities, is provided in Hiwassee-Appendix IV.

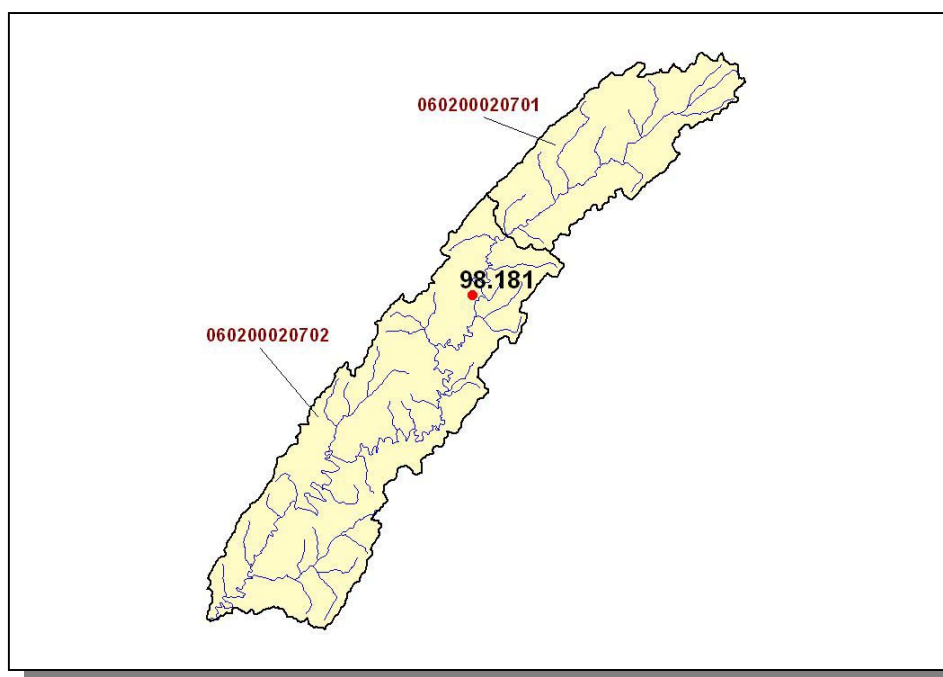


Figure 4-56. Location of ARAP Sites (Individual Permits) in Subwatershed 0602000207. Subwatershed 060200020701 and 060200020702 boundaries are shown for reference. More information, including the names of facilities, is provided in Hiwassee-Appendix IV.

4.2.E.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)						
Beef Cow	Milk Cow	Cattle	Chickens	Chickens Sold	Hogs	Sheep
2,488	1,084	6,533	7	786,620	64	5

Table 4-36. Summary of Livestock Count Estimates in Subwatershed 0602000207. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older; "Chickens Sold" are all chickens used to produce meat.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Bradley	92.5	92.5	8.2	18.1
Monroe	301.5	279.1	7.4	21.4
Totals	394.0	371.6	15.6	39.5

Table 4-37. Forest Acreage and Annual Removal Rates (1987-1994) in Subwatershed 0602000207.

CROPS	TONS/ACRE/YEAR
Soybeans (Row Crops)	12.82
Grass (Pastureland)	0.39
Non Agricultural Land Use	0.00
Grass (Hayland)	0.36
Grass, Forbs, Legumes (Mixed Pasture)	0.66
Farmsteads and Ranch Headquarters	1.05
Legume Grass (Hayland)	0.60
Forest Land (Grazed)	0.00
Forest Land (Not Grazed)	0.00
Corn (Row Crops)	17.07
Tobacco (Row Crops)	5.65
Wheat (Close Grown Cropland)	6.20
Conservation Reserve Program Land	0.27

Table 4-38. Annual Estimated Soil Loss in Subwatershed 0602000207.